

SEQUENCE LISTING



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<120> METHODS AND COMPOSITIONS FOR TRIPLE-HELIX FORMATION

<130> A-56557-3

<140> 08/168,920

<141> 1993-12-16

<150> 07/946,976

<151> 1992-09-17

<160> 128

<170> PatentIn Ver. 2.0

<210> 1

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 1

aaaaagagag agaga

15

<210> 2

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 2

agggagggga ggggagga

19

<210> 3

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<220>
<221> misc_feature
<222> (1)
<223> T at position 1 = thymidine-EDTA.

<400> 3
tggghggggh gggghgggt

19

<210> 4
<211> 43
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 4
aattctctct aaaaaggag gggagggag ggaaaaactc tct

43

<210> 5
<211> 43
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 5
aattctctct aaaaaggng gggagggag ggaaaaactc tct

43

<210> 6
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 6
aattcggcaa gaggcgagg gcgcgact

29

<210> 7
<211> 30
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 7

ctagagtcgc ctgccctcg cctcttgccg

30

<210> 8

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<220>

<221> misc_feature

<222> (15)

<223> T at position 15 = thymidine-EDTA.

<220>

<221> misc_feature

<222> (11)

<223> N at position 11 = A, T, G, C, D2, or D3. D as defined on page34 of the specification.

<400> 8

tggggtgggg ngggt

15

<210> 9

<211> 43

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 9

aattctctct aaaaaggng gggaggggag ggaaaaactc tct

43

<210> 10

<211> 43

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 10

ctagagagag tttttccctc ccctccccc cctttttaga gag

43

<210> 11
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 11
agaggcgagg ggcgg 15

<210> 12
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 12
ccgccctctg cctct 15

<210> 13
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_difference
<222> (3)
<223> N at 3,10 = D2, D3, A,G,C or T. N at 8,15 = A,T,
or D2, D3. D2 and D3 as defined on page 34 of the
specification.

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 13
ggnggggngn ggngt 15

<210> 14
<211> 4
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<220>
<221> misc_feature
<222> (3)
<223> N at position 3 = P1 as defined on page 33 of the
specification.

<400> 14
ttnt

4

<210> 15
<211> 4
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (3)
<223> N at position 3 = P2 as defined on page 33 of the
specification.

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 15
ttny

4

<210> 16
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<220>
<221> misc_feature
<222> (1)
<223> T at position 1 = thymidine-EDTA.

<220>
<221> misc_feature
<222> (6)
<223> N at positions 6, 8, 10, 12, and 14 = P1 as
defined on page 33 of the specification.

<400> 16
tttttntntn tntnt

15

<210> 17
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<220>
<221> misc_feature
<222> (1)
<223> T at position 1 = thymidine-EDTA.

<220>
<221> misc_feature
<222> (10)..(14)
<223> The N at positions 10-14 = P1 as defined on page
33 of the specification.

<400> 17
ttttcttttn nnnnt

16

<210> 18
<211> 13
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 18
aaaaagagag aga

13

<210> 19
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 19
aaaagaaaag ggggga

16

<210> 20
<211> 4
<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<220>

<221> misc_feature

<222> (3)

<223> N at position 3 = D3 as defined on page 34 of the
specification.

<400> 20

ttnt

4

<210> 21

<211> 4

<212> DNA

<213> Artificial Sequence

<220>

<221> misc_feature

<222> (3)

<223> The N at position 3 = D2 as defined on page 34 of
the specification.

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 21

ttnt

4

<210> 22

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 22

aaaaaanaa aaaaattttt ttnttttttt

30

<210> 23

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 23

aaataaaaaga caaaaaga

18

<210> 24

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<220>

<221> misc_feature

<222> (1)

<223> T at position 1 = thymidine-EDTA.

<220>

<221> misc_feature

<222> (4)

<223> d at position 4, and 11 = D2 as defined on page 34
of the specification.

<400> 24

tttdttttct dtttttct

18

<210> 25

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 25

aagaaaaagc tcctccct

18

<210> 26

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 26

tcctcctcg aaaaagaa

18

<210> 27
 <211> 40
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 27
 gatctgagaa aggagagaaa aaggggcggg gcatgcattg 40

 <210> 28
 <211> 40
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 28
 actctttcct ctctttttcc ccgccccgta cgtaacctag 40

 <210> 29
 <211> 30
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 29
 ctagtgggcg gagttagggg cgggatactc 30

 <210> 30
 <211> 26
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 30
 acccgctca atccccgcc tatgag 26

 <210> 31
 <211> 21
 <212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 31

gagaaaggag agaaaaaggg g

21

<210> 32

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 32

ctctttcctc tctttttccc cgatc

25

<210> 33

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 33

cgagaaagga gagaaaaagg ggtacg

26

<210> 34

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 34

tcgagctctt tcctctcttt ttcccatgc

30

<210> 35

<211> 34

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 35
 gatcccaatt gagaaaggag agaaaaagtt aaga 34

<210> 36
 <211> 34
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 36
 ggttaactct ttcctctctt tttcaattct ctag 34

<210> 37
 <211> 18
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 37
 aacaccactc gacacggc 18

<210> 38
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 38
 gtagccatat cggatgtgta t 21

<210> 39
 <211> 15
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 39
 tttttttttt ttttt 15

<210> 40
 <211> 29
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 40
 cccccccc aaaaaaaaaa aaaattttt 29

 <210> 41
 <211> 29
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 41
 aaaaattttt tttttttttg ggggggggg 29

 <210> 42
 <211> 15
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 42
 tttttctctc tctct 15

 <210> 43
 <211> 13
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 43
 tttttctctc tct 13

 <210> 44
 <211> 11
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 44
 tttttctctc t 11

<210> 45
 <211> 15
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 45
 tttttctctt tctct 15

<210> 46
 <211> 15
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 46
 tttttctctc cctct 15

<210> 47
 <211> 36
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 47
 agcttatata tatataaaag agagagagat cgatag 36

<210> 48
 <211> 36
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 48
 gatcctatcg atctctctct cttttatata tatata 36

<210> 49
 <211> 30
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 49
 atcgatctct ctctcttttt atatatatat 30

<210> 50
 <211> 30
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 50
 atatatatat aaaaagagag agagatcgat 30

<210> 51
 <211> 17
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 51
 tttttctctc tctctct 17

<210> 52
 <211> 39
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 52
 agagagtttt tccctcccct cccctccctt ttagagag 39

<210> 53

<211> 39
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 53
 ctctctaaaa agggagggga ggggaggga aaactctct 39

 <210> 54
 <211> 19
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 54
 tggghggggh gggghgggt 19

 <210> 55
 <211> 45
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 55
 aattctctct ctaaaaagg nggggagggg agggaaaaac tctct 45

 <210> 56
 <211> 43
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 56
 ctagagagag tttttccctc cctccccnc cctttttaga gag 43

 <210> 57
 <211> 15
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 57
 tgggggtgggg ngggt 15

<210> 58
 <211> 28
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 58
 gtcgcccgcc cctgcctct tgccgaat 28

<210> 59
 <211> 27
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 59
 attcggcaag aggcgagggg cggcgac 27

<210> 60
 <211> 15
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <222> (3)..(4)
 <223> N at positions 3, 10 = A,G,C,T or deoxneubularene.
 N at positions 8, 13 = A,T, or deoxneubularene.

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 60
 ggnggggngn ggngt 15

<210> 61
 <211> 4
 <212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 61

tcga

4

<210> 62

<211> 4

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 62

agct

4

<210> 63

<211> 4

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 63

agct

4

<210> 64

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 64

tttttttctt ttttt

15

<210> 65

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<221> misc_feature

<222> (8)..(9)

<223> N = p1 as defined on page 33.

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 65

tttttttntt ttttt

15

<210> 66

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<221> misc_feature

<222> (8)..(9)

<223> N = p2 as defined on page 33 of the specification.

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 66

tttttttntt ttttt

15

<210> 67

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<221> misc_feature

<222> (8)..(9)

<223> N= a basic residue.

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 67

tttttttntt ttttt

15

<210> 68

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 68
 cccccccccc aaaaaaanaa aaaaattttt 30

<210> 69
 <211> 30
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 69
 aaaaattttt ttnttttttt gggggggggg 30

<210> 70
 <211> 15
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <222> (1)
 <223> T at position 1 = thymidine-EDTA.

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 70
 tttttctctc tctct 15

<210> 71
 <211> 15
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <222> (1)
 <223> T at position 1 = thymidine-EDTA.

<220>
 <221> misc_feature
 <222> (6)
 <223> C at position 6, 8, 10, 12, 14 = 5-methylcytosine.

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 71
tttttctctc tctct

15

<210> 72
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)
<223> T at position 1 = thymidine-EDTA.

<220>
<221> misc_feature
<222> (6)
<223> N at positions 6, 8, 10, 12, 14 =p1 as defined on
page 33 of the specification.

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 72
tttttntntn tntnt

15

<210> 73
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)
<223> T at position 1 = thymidine-EDTA.

<220>
<221> misc_feature
<222> (6)
<223> N at positions 6, 8, 10, 12, and 14 = P2 as
defined on page 33 of the specification.

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 73
tttttntnt ntntnt

16

<210> 74
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 74
atcgatctct ctctcttttt atatatatat

30

<210> 75
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 75
tagctagaga gagagaaaaa tatatatata

30

<210> 76
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (6)
<223> N at positions 6, 8, 10, 12, and 14 = p1 as
defined on page 33 of the specification.

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 76
tttttntntn tntnt

15

<210> 77
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)
<223> T at position 1 = thymidine-EDTA.

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 77
ttttcttttc cccct

15

<210> 78
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)
<223> T at position 1 = thymidine-EDTA

<220>
<221> misc_feature
<222> (10)..(15)
<223> C = 5-methylcytosine

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 78
ttttcttttc cccct

15

<210> 79
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)
<223> T at position 1 = thymidine-EDTA.

<220>
<221> misc_feature
<222> (10)..(15)
<223> N = p1 as defined on page 33 of the specification.

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 79
ttttcttttn nnnnnt

16

<210> 80
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 80
ggctctcccc cttttctttt aaaaatggct 30

<210> 81
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 81
agccattttt aaaagaaagg ggggagacc 29

<210> 82
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (5)
<223> T at position 5 = thymidine-EDTA.

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 82
tttttttttt ttttt 15

<210> 83
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (5)
<223> T at position 5 = thymidine-EDTA.

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 83
ttttttttctt ttttt

15

<210> 84
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (5)
<223> T at position 5 = thymidine-EDTA.

<220>
<221> misc_feature
<222> (8)
<223> N at position 8 = d2 as defined on page 34 of the
specification.

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 84
tttttttntt ttttt

15

<210> 85
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (5)
<223> T at position 5 = thymidine-EDTA.

<220>
<221> misc_feature
<222> (8)
<223> N at position 8 = d3 as defined on page 34 of the
specification.

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 85
 tttttttntt ttttt 15

<210> 86
 <211> 30
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 86
 cccccccccc aaaaaaanaa aaaaattttt 30

<210> 87
 <211> 30
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 87
 aaaaattttt ttnttttttt gggggggggg 30

<210> 88
 <211> 30
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 88
 agtctttttg tcttttat tt caggtccatg 30

<210> 89
 <211> 30
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 89
 catggacctg aaataaaaga caaaaagact 30

<210> 90

<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)
<223> T at position 1 = thymidine-EDTA.

<220>
<221> misc_feature
<222> (4)
<223> N at position 4, and 11 = d2 as defined on page 34
of the specification.

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 90
ttnttttctn tttttct

17

<210> 91
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 91
ctctctaaga aaaagctcct ccctctctct

30

<210> 92
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 92
gagagaaggg aggagctttt tcttagagag

30

<210> 93
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)
<223> T at position 1 = thymidine-EDTA.

<220>
<221> misc_feature
<222> (3)
<223> C at position 3 and 9 = 5-methyldeoxycytidine.

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 93
ttcttttttcg aggagggt

18

<210> 94
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (18)
<223> T at position 18 = thymidine-EDTA.

<220>
<221> misc_difference
<222> (3)
<223> C at positions 3, and 9 = 5-methyldeoxycytidine.

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 94
ttcttttttcg aggagggt

18

<210> 95
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)
<223> T at position 1 = thymidine-EDTA.

<220>

<221> misc_feature
<222> (3)
<223> C at positions 3, and 9 = 5-methyldeoxycytidine.

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 95
ttcttttttc

9

<210> 96
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (9)
<223> T at position 9 = thymidine-EDTA.

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 96
gaggagggt

9

<210> 97
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (3)
<223> C at positions 3, and 9 = 5-methyldeoxycytidine.

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 97
ttcttttttcg aggagggt

18

<210> 98
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 98

ttcttttttcg cgaggagggt

20

<210> 99

<211> 39

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 99

ttaactctct aagaaaaagc tcctccctct ctctctaga

39

<210> 100

<211> 39

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 100

tctagagaga gagggaggag ctttttctta gagagttaa

39

<210> 101

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 101

ttcttttttcg cgaggagggt

20

<210> 102

<211> 39

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 102

ttaactctct aagaaaaagc tcctccctct ctctctaga

39

<210> 103
 <211> 39
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 103
 tctagagaga gagggaggag ctttttctta gagagttaa 39

 <210> 104
 <211> 30
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 104
 ctctctaaga aaaagctcct ccctctctct 30

 <210> 105
 <211> 30
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 105
 agagagaggg aggagctttt tcttagagag 30

 <210> 106
 <211> 30
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 106
 ctctcttccc tcttcgaaaa agaactctct 30

 <210> 107
 <211> 32
 <212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 107

agagagttct ttttctcgag gaggaagag ag

32

<210> 108

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<221> misc_feature

<222> (1)

<223> T is position 1 = thymidine-EDTA.

<220>

<221> misc_feature

<222> (10)

<223> C at positions 10, and 16 = 5-methyldeoxycytidine.

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 108

tgggaggagc tttttctt

18

<210> 109

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<221> misc_feature

<222> (1)

<223> T at position 1 = thymidine-EDTA.

<220>

<221> misc_feature

<222> (11)

<223> C at positions 11, and 17 =
5-methyldeoxycytidine.

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 109
tgggaggagt ctttttctt

19

<210> 110
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)
<223> T at position 1 = thymidine-EDTA

<220>
<221> misc_feature
<222> (12)
<223> C at positions 12, and 18 =
5-methyldeoxycytidine.

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 110
tgggaggagt tctttttctt

20

<210> 111
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (20)
<223> T at position 20 = thymidine-EDTA.

<220>
<221> misc_feature
<222> (12)
<223> C at positions 12, and 18 = 5-methylcytosine.

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 111
tgggaggagt tctttttctt

20

<210> 112
<211> 9

<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)
<223> T at position 1 = thymidine-EDTA.

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 112
tgggaggag

9

<210> 113
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (9)
<223> T at position 9 = thymidine-EDTA.

<220>
<221> misc_feature
<222> (1)
<223> C at positions 1, and 7 = 5-methylcytosine.

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 113
ctttttctt

9

<210> 114
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (12)
<223> C at positions 12, and 18 = 5-methylcytosine.

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 114
 tgggaggagt tctttttctt 20

<210> 115
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 115
 tgggaggagt tgtttttggt 20

<210> 116
 <211> 39
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 116
 ttaactctct tccctcctcg aaaaagaact ctctctaga 39

<210> 117
 <211> 39
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 117
 tctagagaga gttctttttc gaggaggga gagagttaa 39

<210> 118
 <211> 19
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic

<400> 118
 tgggaggagt ctttttctt 19

<210> 119

<211> 39
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 119
 ttaactctct tccctcctcg aaaaagaact ctctctaga 39

 <210> 120
 <211> 39
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 120
 tctagagaga gttctttttc gaggagggaa gagagttaa 39

 <210> 121
 <211> 30
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 121
 ctctcttccc tccctgaaaa agaactctct 30

 <210> 122
 <211> 30
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic

 <400> 122
 agagagttct ttttcgagga gggaagagag 30

 <210> 123
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)
<223> C at positions 1, 3, 7, 8, 10, 12, 18, 19, and 20
= 5-methylcytosine.

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 123
ctcttttctc tctttttccc c

21

<210> 124
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 124
ctactcgaga aaggagagaa aaaggggcgg ggcac

35

<210> 125
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 125
atgccccgcc cttttttctc tcctttctcg agta

34

<210> 126
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)
<223> C at positions 1, 3, 7, 8, 10, 12, 18, 19, 20, and
21 =

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 126
ctcttttctctc tcttttttccc c 21

<210> 127
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)
<223> C at positions 1, 3, 7, 8, 10, and 12 =

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 127
ctcttttctctc tcttttttc 18

<210> 128
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (3)
<223> C at positions 3, 4, 5, 6, 8, 11, 16, 18, and 19 =
5-methyldeoxycytidine.

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 128
ttccccctctt ctttttctct c 21